

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Please amend claims 1, 2, 15, 27, and 28 as indicated below (material to be inserted is in **bold and underline**, material to be deleted is in ~~strikeout~~ or (if the deletion is of five or fewer consecutive characters or would be difficult to see) in double brackets **[]**):

1. (Currently Amended) A medicament dispenser, comprising:
a medicament supply;
an ejector having a performance characteristic, the ejector being in fluid communication with the medicament supply;

an accumulator in fluid communication with the ejector;

a valve intermediate the medicament supply and the accumulator; and

a controller configured to actuate the ejector using an operational parameter to produce a plurality of medicament drops having target drop characteristics, the operational parameter including a correction factor based on the performance characteristic of the ejector.

2. (Currently Amended) The medicament dispense of claim 1, further comprising ~~an accumulator in fluid communication with the ejector;~~

~~a valve intermediate the medicament supply and the accumulator; and~~

a sensor configured to sense an accumulator characteristic.

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3. (Original) The medicament dispenser of claim 2, where the sensor is configured to sense pressure within the accumulator.

4. (Original) The medicament dispenser of claim 2, further comprising a compliant member that regulates pressure within the accumulator.

5. (Original) The medicament dispenser of claim 2, wherein the controller is configured to operate the valve to increase the medicament pressure within the accumulator.

6. (Original) The medicament dispenser of claim 1, wherein the performance characteristic of the ejector includes ejected drop volume.

7. (Original) The medicament dispenser of claim 1, wherein the performance characteristic of the ejector includes ejected drop weight.

8. (Original) The medicament dispenser of claim 1, wherein the operational parameter includes drop ejection frequency.

9. (Original) The medicament dispenser of claim 1, wherein the operational parameter includes number of drops ejected.

10. (Original) The medicament dispenser of claim 1, wherein the operational parameter includes medicament pressure.

11. (Original) The medicament dispenser of claim 1, wherein the operational parameter includes ejector temperature.

12. (Original) The medicament dispenser of claim 1, wherein the operational parameter includes a static correction factor.

13. (Original) The medicament dispenser of claim 1, wherein the operational parameter includes a dynamic correction factor.

14. (Original) An inhaler, comprising:
a medicament supply;
a medicament accumulator in fluid communication with the medicament supply;
a compliant member fluidically coupled to the medicament accumulator;
a valve intermediate the medicament supply and the medicament accumulator;
a sensor configured to sense a medicament pressure;
an ejector in fluid communication with the medicament accumulator, wherein the ejector has a performance characteristic; and
a controller configured to apply a correction factor to an operational parameter of the ejector, wherein the correction factor is determined by the performance characteristic of the ejector.

15. (Currently Amended) A method of calibrating a medicament inhaler to a target output characteristic, the medicament inhaler having a medicament supply, a medicament accumulator in fluid communication with the medicament supply, a valve intermediate the medicament supply and the medicament accumulator, a medicament ejector in fluid communication with the medicament accumulator, and a controller, the method comprising:

manufacturing the medicament inhaler;
characterizing the output of the inhaler;
comparing the characterized output to the target output characteristic;

determining a correction factor to produce the target output from the inhaler; and
configuring the controller to apply the correction factor to the inhaler.

16. (Original) The method of claim 15, wherein characterizing the output of the inhaler includes determining an ejected drop weight.

17. (Original) The method of claim 16, wherein characterizing the output of the inhaler includes determining the ejected drop weight as a function of drop frequency.

18. (Original) The method of claim 16, wherein characterizing the output of the inhaler includes determining the ejected drop weight as a function of medicament ejector temperature.

19. (Original) The method of claim 15, wherein comparing the characterized output to the target output characteristic includes comparing a determined ejected drop weight to a target drop weight.

20. (Original) The method of claim 15, wherein determining a correction factor includes determining a corrected drop weight.

21. (Original) The method of claim 15, wherein configuring the controller to apply the correction factor to the inhaler includes configuring the controller to apply a static correction factor.

22. (Original) The method of claim 15, wherein configuring the controller to apply the correction factor to the inhaler includes configuring the controller to apply a dynamic correction factor.

23. (Original) The method of claim 15, wherein configuring the controller to apply the correction factor to the inhaler includes configuring the controller to apply a corrected drop ejection frequency.

24. (Original) The method of claim 15, wherein configuring the controller to apply the correction factor to the inhaler includes configuring the controller to apply a corrected number of drops ejected.

25. (Original) The method of claim 15, wherein configuring the controller to apply the correction factor to the inhaler includes configuring the controller to apply a corrected medicament fluid pressure.

26. (Original) The method of claim 15, wherein configuring the controller to apply the correction factor to the inhaler includes configuring the controller to apply a corrected ejector temperature.

27. (Currently Amended) The method of claim 26, wherein configuring the controller to apply ~~[[a]] the corrected drop ejection frequency~~ ejector temperature includes configuring the controller to apply a corrected drop ejection frequency.

28. (Currently Amended) An inhaler, comprising:

a means for supplying fluid medicament;

~~an ejector~~ a means for ejecting fluid medicament, the means having a performance characteristic;

a means for accumulating fluid medicament in fluid communication with the ejector means;

a means for regulating an addition of medicament to the accumulator means from the fluid medicament supply means;

a ~~controller~~ means for ~~configured to actuate~~ actuating the ejector means using an operational parameter calculated from the performance characteristic of the ejector means.